	L #	Hits	Search Text	DBs
1	L1	34967	process$3 near10 ((real adj2 time) realtime)	USPAT; US-PGPUB
2	L2	47600	communicat$3 near20 (voice audio video)	USPAT; US-PGPUB
3	L3	2574	(((assist$3 back$3 backup support$3 slave co associat$3 second) near5 process$3) coprocess$) near99 (1 2)	USPAT; US-PGPUB
4	L4	3768	(((main host assist$3 back$3 backup support$3 master slave co associat$3 first second) near5 process$3) coprocess$) near50 (communicat$3 near20 (data parameter attribute)) near30 (transfer$4 transmit$4 send$3 forward$3 queu$3 buffer)	USPAT; US-PGPUB
5	L5	238	3 and 4	USPAT; US-PGPUB
6	L6	168	5 and (voice audio video ((real adj2 time) realtime)).ab,ti.	USPAT; US-PGPUB
7	L7	11248	process$3 near10 ((real adj2 time) realtime)	EPO; JPO; DERWENT; IBM_TDB
8	L8	28180	communicat$3 near20 (voice audio video)	EPO; JPO; DERWENT; IBM_TDB
9	L9	383	(((assist$3 back$3 backup support$3 slave co associat$3 second) near5 process$3) coprocess$) near99 (7 8)	EPO; JPO; DERWENT; IBM_TDB
10	L10	1077	(((main host assist$3 back$3 backup support$3 master slave co associat$3 first second) near5 process$3) coprocess$) near50 (communicat$3 near20 (data parameter attribute)) near30 (transfer$4 transmit$4 send$3 forward$3 queu$3 buffer)	EPO; JPO; DERWENT; IBM_TDB
11	L11	17	9 and 10	EPO; JPO; DERWENT; IBM_TDB

	Document ID	U	Title	Current OR
1	US 20030 18800 5 A1	☐	Data stream-distribution system and method therefor	709/231
2	US 20030 17617 8 A1	☒	Wireless communication terminal	455/334
3	US 20030 17471 2 A1	☒	Mechanism for utilizing voice path DMA in packetized voice communication system to decrease latency and processor overhead	370/395 .64
4	US 20030 17218 5 A1	☒	Method and system for adding text data to data communication sessions	709/246
5	US 20030 16790 6 A1	☒	Musical information processing terminal, control method therefor, and program for implementing the method	84/615
6	US 20030 15431 7 A1	☒	Computer apparatus and system configuration method	709/253
7	US 20030 13354 5 A1	☒	Data processing system and method	379/93. 01
8	US 20030 12634 8 A1	☒	Multi-processing memory duplication system	710/314
9	US 20030 12502 3 A1	☒	Method and system for providing a wireless terminal communication session integrated with data and voice services	455/426 .1
10	US 20030 11224 3 A1	☒	Macroblock padding	345/441
11	US 20030 09544 7 A1	☒	Shared memory controller for display processor	365/200
12	US 20030 08096 3 A1	☒	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/501
13	US 20030 06104 8 A1	☒	Text-to-speech native coding in a communication system	704/260
14	US 20030 03241 9 A1	☒	Information processing system, information processing method of information processing system, information processing apparatus, and information processing program	455/419
15	US 20030 00196 6 A1	☒	Picture display device and picture display method	348/553
16	US 20020 18145 9 A1	☒	Wireless communication apparatus	370/389
17	US 20020 17174 1 A1	☒	High speed digital video serial link	348/211 .3

	ent ID	?☐	Title		OR
18	US 2002016391 8 A1	☒	System and method for distributed processing of packet data containing audio information		370/399
19	US 2002013107 8 A1	☒	Display of image in response to printing instruction		358/1.15
20	US 2002008776 1 A1	☒	Peripheral video conferencing system		710/65
21	US 2002008776 0 A1	☒	Peripheral video conferencing system		710/62
22	US 2002007781 4 A1	☒	Voice recognition system method and apparatus		704/246
23	US 2002007707 2 A1	☒	Radio transmitter and receiver		455/180 .1
24	US 2002007581 5 A1	☒	Computer-based multi-media communications system and method		370/276
25	US 2002007281 6 A1	☒	Audio system		700/94
26	US 2002006566 2 A1	☒	Voice recognition peripheral device		704/275
27	US 2002006415 3 A1	☒	Customizable scripting based telephone system and telephone devices		370/355
28	US 2002003108 6 A1	☒	Systems, processes and integrated circuits for improved packet scheduling of media over packet		370/229
29	US 2002002933 1 A1	☒	Communication protocol processing unit formed by multiprocessor		712/36
30	US 2002002870 2 A1	☒	Method and apparatus for transmitting and receiving data using continuous tone control squelch system		455/701
31	US 2002001811 5 A1	☒	Communication terminal device and control method thereof		348/14.08
32	US 2001004867 8 A1	☒	Processing device network		370/352
33	US 2001004483 1 A1	☒	System for communicating messages		709/206
34	US 2001004358 7 A1	☒	APPARATUS AND METHOD OF CONNECTING COMPUTER NETWORK TO TELEPHONE		370/352

L n	Document ID	?U	Title	Current OR
35	US 20010 03617 8 A1	☒	Telecommunications switch with programmable call processing and real time account management for switching and billing all common informational protocols on a single switch and network	370/364
36	US 20010 02331 6 A1	☒	System and method for generating and transferring data	600/301
37	US 20010 01877 1 A1	☒	System and method for supplying supplemental information for video programs	725/91
38	US 20010 01835 1 A1	☒	Communication terminal device	455/552 .1
39	US 65939 29 B2	☒	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/501
40	US 65711 09 B1	☒	Wireless local loop system enabling FAX service and method of performing FAX data service	455/555
41	US 65670 93 B1	☒	Single semiconductor chip for adapting video signals to display apparatus	345/519
42	US 65670 41 B1	☒	Network system and method for a remote reference receiver system	342/357 .03
43	US 65642 69 B1	☒	Bi-directional data transfer using the video blanking period in a digital data stream	710/20
44	US 65561 97 B1	☒	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/419
45	US 65390 87 B1	☒	Audio conferencing system	379/202 .01
46	US 65325 91 B1	☒	System for downloading computer software with broadcasting program	725/132
47	US 65295 02 B2	☒	Systems and methods for multiple mode voice and data communications using intelligently bridged TDM and packet buses and methods for performing telephony and data functions using the same	370/353
48	US 65196 62 B2	☒	Peripheral video conferencing system	710/60
49	US 65077 65 B1	☒	Computer integrated manufacturing control and information system	700/95
50	US 64777 08 B1	☒	Bidirectional communication system, client terminal, client management server, and broadcast server	725/116
51	US 64456 79 B1	☒	Stream communication system and stream transfer control method	370/232
52	US 64079 96 B1	☒	Processing device network	370/352
53	US 63972 75 B1	☒	Peripheral video conferencing system	710/60
54	US 63891 49 B1	☒	Method and apparatus to improve video processing in a computer system or the like	382/100
55	US 63718 54 B1	☒	Combined game system	463/42

	Document ID	U	Title	Current OR
56	US 6369855 B1	☒	Audio and video decoder circuit and system	348/423.1
57	US 6369822 B1	☒	Audio-driven visual representations	345/473
58	US 6363349 B1	☒	Method and apparatus for performing distributed speech processing in a communication system	704/275
59	US 6342892 B1	☒	Video game system and coprocessor for video game system	345/503
60	US 6331856 B1	☒	Video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/503
61	US 6313864 B1	☒	Image and voice communication system and videophone transfer method	348/14.02
62	US 6310864 B1	☒	Voice echo cancellation for SVD modems	370/286
63	US 6292781 B1	☒	Method and apparatus for facilitating distributed speech processing in a communication system	704/270.1
64	US 6264614 B1	☒	System and method for generating and transferring medical data	600/528
65	US 6263505 B1	☒	System and method for supplying supplemental information for video programs	725/110
66	US 6240165 B1	☒	Communication support system in which a caller profile from a data processing device is transmitted to a telephone device upon incoming of a call	379/88.21
67	US 6239810 B1	☒	High performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/420
68	US 6226017 B1	☒	Methods and apparatus for improving read/modify/write operations	345/531
69	US 6209026 B1	☒	Central processing and combined central and local processing of personalized real-time traveler information over internet/intranet	709/218
70	US 6208658 B1	☒	Systems and methods for multiple mode voice and data communications using intelligently bridged TDM and packet buses and methods for performing telephony and data functions using the same	370/401
71	US 6208372 B1	☒	Remote electromechanical control of a video communications system	348/14.16
72	US 6208104 B1	☒	Robot control unit	318/568.11
73	US 6166748 A	☒	Interface for a high performance low cost video game system with coprocessor providing high speed efficient 3D graphics and digital audio signal processing	345/522
74	US 6163873 A	☒	Data communication method and system	714/782
75	US 6154466 A	☒	Data transmitting system	370/466
76	US 6109525 A	☒	Method and device for registering vehicles in a road toll facility	235/384
77	US 6088702 A	☒	Group publishing system	707/103 R

	Document ID	U	Title	Current OR
78	US 6084631 A	☒	High-speed digital video serial link	348/211.6
79	US 6073192 A	☒	Peripheral video conferencing system with control unit that controls presentation of remote video signal through the output connector	710/65
80	US 6072830 A	☒	Method for generating a compressed video signal	375/240.22
81	US 6067516 A	☒	Speech and text messaging system with distributed speech recognition and speaker database transfers	704/244
82	US 6061089 A	☒	High-speed digital video serial link	348/211.6
83	US 6029221 A	☒	System and method for interfacing a digital signal processor (DSP) to an audio bus containing frames with synchronization data	710/305
84	US 6026434 A	☒	Data transmission processing system	725/105
85	US 6020863 A	☒	Multi-media processing system with wireless communication to a remote display and method using same	345/3.1
86	US 5995491 A	☒	Method and apparatus for multiple media digital communication system	370/263
87	US 5949764 A	☒	Conference call on a personal handy phone system portable station	370/263
88	US 5946471 A	☒	Method and apparatus for emulating laboratory instruments at remote stations configured by a network controller	703/23
89	US 5926226 A	☒	Method for adjusting the quality of a video coder	375/240.22
90	US 5909555 A	☒	Method and system for supporting data communication between personal computers using audio drivers, microphone jacks, and telephone jacks	709/253
91	US 5898860 A	☒	System and method for automatically generating a control drawing for a real-time process control system	703/6
92	US 5875436 A	☒	Virtual transcription system	705/34
93	US 5864681 A	☒	Video encoder/decoder system	709/247
94	US 5848097 A	☒	Transceiver apparatus employing wideband FFT channelizer and inverse FFT combiner for a multichannel communication network	375/219
95	US 5845239 A	☒	Modular audio data processing architecture	704/200
96	US 5841971 A	☒	Information transmission system for transmitting video signals over cellular telephone networks	709/200
97	US 5832066 A	☒	Audio response/report device	379/106.01
98	US 5831678 A	☒	Video encoder/decoder system	375/240.22
99	US 5821985 A	☒	Multi-point videoconference system having a fixed control station for data transfer	348/14.09
100	US 5818736 A	☒	System and method for simulating signal flow through a logic block pattern of a real time process control system	703/16

	Document ID	U	Title	Current OR
101	US 5815503 A	☒	Digital simultaneous voice and data mode switching control	370/471
102	US 5805228 A	☒	Video encoder/decoder system	375/240.22
103	US 5802281 A	☒	Peripheral audio/video communication system that interfaces with a host computer and determines format of coded audio/video signals	709/228
104	US 5790787 A	☒	Device for interfacing a CD-ROM player to an entertainment or information network and a network including such device	709/250
105	US 5790532 A	☒	Voice over video communication system	370/286
106	US 5764628 A	☒	Dual port interface for communication between a voice-over-data system and a conventional voice system	370/271
107	US 5764627 A	☒	Method and apparatus for a hands-free speaker phone	370/271
108	US 5754589 A	☒	Noncompressed voice and data communication over modem for a computer-based multifunction personal communications system	375/216
109	US 5748907 A	☒	Medical facility and business: automatic interactive dynamic real-time management	705/2
110	US 5729282 A	☒	Video camera system	348/14.12
111	US 5709209 A	☒	Ultrasound signal processing system	600/447
112	US 5696909 A	☒	Advanced intelligent network based computer architecture for concurrent delivery of voice and text data using failure management system	379/22.01
113	US 5673268 A	☒	Modem resistant to cellular dropouts	370/522
114	US 5673257 A	☒	Computer-based multifunction personal communication system	370/286
115	US 5666291 A	☒	Device for interfacing a CD-ROM player to an entertainment or information network and a network including such device	709/250
116	US 5623490 A	☒	Method and apparatus for multiple media digital communication system	370/263
117	US 5621672 A	☒	Multitask control system	700/5
118	US 5619508 A	☒	Dual port interface for a computer-based multifunction personal communication system	370/495
119	US 5617423 A	☒	Voice over data modem with selectable voice compression	370/426
120	US 5606707 A	☒	Real-time image processor	345/418
121	US 5600649 A	☒	Digital simultaneous voice and data modem	370/435
122	US 5592586 A	☒	Voice compression system and method	704/220
123	US 5577041 A	☒	Method of controlling a personal communication system	370/271

	Document ID	U	Title	Current OR
124	US 5574725 A	☒	Communication method between a personal computer and communication module	370/426
125	US 5572583 A	☒	Advanced intelligent network with intelligent peripherals interfaced to the integrated services control point	379/221.09
126	US 5568495 A	☒	Modular audio data processing architecture	714/798
127	US 5559793 A	☒	Echo cancellation system and method	370/286
128	US 5548725 A	☒	System for transmitting command and/or data in a single packet and automatically reporting status a predetermined time after receiving a command	709/208
129	US 5537435 A	☒	Transceiver apparatus employing wideband FFT channelizer with output sample timing adjustment and inverse FFT combiner for multichannel communication network	375/219
130	US 5535240 A	☒	Transceiver apparatus employing wideband FFT channelizer and inverse FFT combiner for multichannel communication network	375/219
131	US 5535304 A	☒	Ringdown and ringback signalling for a computer-based multifunction personal communications system	370/495
132	US 5517185 A	☒	Building communication and control system	340/5.33
133	US 5500859 A	☒	Voice and data transmission system	370/468
134	US 5499317 A	☒	Audio message storing circuit and control method therefor	704/270
135	US 5495473 A	☒	Method and apparatus for implementing hardware independent echo cancellation in a full-duplex audio stream in a computer system	370/286
136	US 5487067 A	☒	Audio data communications	370/460
137	US 5483574 A	☒	Communication terminal equipment	379/32.04
138	US 5471470 A	☒	Computer-based multifunction personal communications system	370/271
139	US 5465370 A	☒	Electronic meeting support system	709/204
140	US 5457782 A	☒	Digital signal processing circuit board having use for voice processing system	704/200
141	US 5453986 A	☒	Dual port interface for a computer-based multifunction personal communication system	370/259
142	US 5452289 A	☒	Computer-based multifunction personal communications system	370/286
143	US 5428555 A	☒	Facility and gas management system	700/275
144	US 5392223 A	☒	Audio/video communications processor	709/218
145	US 5355443 A	☒	Image computing system	345/589
146	US 5313586 A	☒	Co-processor de-coupling bus structure	712/34

	ent ID	U	Title	Current OR
147	US 5301350 A	☒	Real time storage/retrieval subsystem for document processing in banking operations	705/33
148	US 5295265 A	☒	Device for enhancing the performance of a real time executive kernel associated with a multiprocessor structure that can include a large number of processors	709/100
149	US 5276866 A	☒	System with two different communication mediums, transmitting retrieved video and compressed audio information to plural receivers responsively to users' requests	725/114
150	US 5262965 A	☒	System and method for high speed computer graphics image computation using a parallel connected, asynchronous multiprocessor ring coupled to a synchronous special purpose video processing ring	358/1.1
151	US 5257397 A	☒	Mobile data telephone	455/553.1
152	US 5254999 A	☒	Video signal processor for radar system	342/197
153	US 5239543 A	☒	Communication system and a central processing unit as well as a communication station in the communication system	370/458
154	US 5175679 A	☒	Control for electronic image processing systems	700/28
155	US 5131026 A	☒	Facsimile system having auto-answering function	379/100.16
156	US 5128981 A	☒	Radio communication system and a portable wireless terminal	455/450
157	US 5073890 A	☒	Remote agent operation for automatic call distributors	370/270
158	US 5072442 A	☒	Multiple clock rate teleconferencing network	370/265
159	US 4914587 A	☒	Financial data processing system with distributed data input devices and method of use	705/38
160	US 4902881 A	☒	Parallel process communications terminal and network	235/381
161	US 4862268 A	☒	Addressable cable television control system with video format data transmission	348/463
162	US 4835699 A	☒	Automated distributed control system for a weaving mill	700/140
163	US 4564915 A	☒	YIQ Computer graphics system	345/550
164	US 4521879 A	☒	Digital private branch exchange	370/267
165	US 4459677 A	☒	VIQ Computer graphics system	345/537
166	US 4307461 A	☒	Call processor for a satellite communications controller	379/269
167	US 3745529 A	☒	TROUBLE ALARM DEVICE FOR TRANSMISSION SYSTEM	714/815
168	US 3626382 A	☐	DATA PROCESSING TERMINAL UNIT	358/1.1

	Document ID	U	Title	Current OR
1	JP 2002221563 A	☐	GPS POSITION DETECTION DEVICE AND GPS POSITION DETECTION SYSTEM	
2	JP 200207729 7 A	☒	COMMUNICATION PROTOCOL PROCESSOR BY MEANS OF MULTIPROCESSOR	
3	JP 2001285514 A	☒	COMMUNICATION DEVICE	
4	EP 1244005 A2	☒	Display of image with format conversion in response to printing instruction	
5	EP 713343 A2	☒	Portable multi-information communication device	
6	EP 569290 A1	☒	Flight data processor.	
7	EP 279230 A2	☒	Video adapter with improved data pathing.	
8	US 20030046410 A	☒	Real-time user support providing method for data processing system, involves sending request to initiate communications link for real-time user support corresponding to detection of monitored user input	
9	JP 09009125 A	☒	Electronic still camera system for photograph recording on solid state memory, magnetic recording medium - has transmitter and receiver which performs transmission of video signal processing data through first and second communication units to external device or main body	
10	JP 07288645 A	☒	Image processor transferring audio/voice data to external processor - has communication controller, audio data memory and associated management device for transfer processing which is set-up w.r.t. indication signal from external terminal NoAbstract	
11	GB 2276953 A	☒	Multi-task control system for controlling operations of controlled devices for e.g. welding or work piece assembly - comprises multi-task processor communicating with real=time processor by exchange of data through communication memory	
12	BE 1005654 A	☒	Colour image storage and reproduction system - includes large removable hard discs holding file data relating to scanned images and their corrected colour tints	
13	EP 569290 A	☒	Flight information processor - uses ASIC with dual-access memory providing data transfer between data processor and communications processor	
14	EP 517558 A	☒	High performance real-time executive kernel for multiple processors - uses multiple operation control circuits, one for each processor, and allows all processors access to all control circuits	
15	EP 423730 A	☒	Domestic data communication network with audio visual device - sends type of access and slave memory address to data processing unit which sends memory access designating frame to slave	
16	GB 2230162 A	☒	Mobile telephone with paging - comprises separate paging signal channel in addition to conventional transceiver channels which process voice signals	
17	EP 367183 A	☐	Computer graphics image computing system - has computing sub-systems and digital video processors connected for exchanging data	